

GP 1632



PATENT  
Docket No.: 19603/3921 (CRF D-2944A)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Shi et al. )  
Serial No. : 10/602,837 )  
Cnfrm. No. : 8111 )  
Filed : June 24, 2003 )  
For : EXHAUSTIVE SELECTION OF RNA )  
APTAMERS AGAINST COMPLEX TARGETS )

)  
Examiner:  
To Be Assigned

)  
Art Unit:  
1632

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98

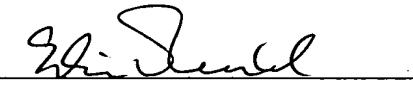
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P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form.

Respectfully submitted,

Date: November 3, 2003

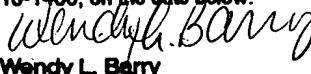
  
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Wendy L. Barry

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>19603/3921 (CRF D-2944A)</b>	SERIAL NO. <b>10/602,837</b>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  <i>(use several sheets if necessary)</i>  (PTO-1449 )		APPLICANT <b>Shi et al.</b>	
		FILING DATE <b>June 24, 2003</b>	GROUP ART UNIT <b>To Be Assigned</b>



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	5,683,987	11/04/97	Smith			
	2	5,681,702	10/28/97	Collins et al.			
	3	5,658,738	08/19/97	Nadeau et al.			
	4	5,645,985	07/08/97	Froehler et al.			
	5	5,643,890	07/01/97	Iversen et al.			
	6	5,639,595	06/17/97	Mirabelli et al.			
	7	5,631,146	05/20/97	Szostak et al.			

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	8	EP 0 710 668 A2	05/08/96	Europe			
	9	EP 0 775 745 A2	05/28/97	Europe			
	10	EP 0 784 984 A2	07/23/97	Europe			

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		11	Ellington, A.D., "RNA Selection. Aptamers Achieve the Desired Recognition," <u>Curr. Biol.</u> 4(5):427-429 (1994)
		12	Yamamoto et al., " <i>In vitro</i> Selection of RNA Aptamers That Can Bind Specifically to Tat Protein of HIV-1," <u>Nucleic Acids Symp. Ser.</u> 34:145-146 (1995)
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		14	Burgstaller et al., "Structural Probing and Damage Selection of Citrulline- and Arginine-specific RNA Aptamers Identify Base Proteins Required for Binding," <u>Nucleic Acids Res.</u> 23(23):4769-4776 (1995)
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6.9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	16	5,614,503	03/25/97	Chaudhary et al.			
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	22	WO 94/06811	03/31/94	PCT			
	23	WO 95/11910	05/04/95	PCT			
	24	WO 96/40159	12/19/96	PCT			
	25	WO 97/20031	06/05/97	PCT			

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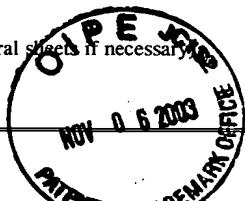
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	29	Li et al., "RNA Aptamers for Yeast Ribosomal Protein L32 Have a Conserved Purine-rich Internal Loop," <u>RNA</u> 3(3):245-254 (1997)
	30	Moine et al., "The RNA Binding Site of S8 Ribosomal Protein of <i>Escherichia coli</i> :Selex and Hydroxyl Radical Probing Studies," <u>RNA</u> 3(3):255-268 (1997)
	31	Eaton et al., "Post-SELEX Combinatorial Optimization of Aptamers," <u>Bioorg. Med. Chem.</u> 5(6):1087-1096 (1997)

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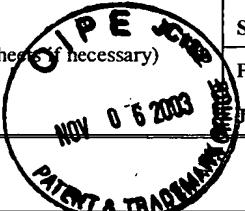
		32	Gilbert et al., "RNA Aptamers That Specifically Bind to a K Ras-derived Farnesylated Peptide," <u>Bioorg. Med. Chem.</u> 5(6):1115-1122 (1997)
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	45	5,840,867	11/24/98	Toole et al.			
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	47	5,656,739	8/12/97	Cubicciotti			
	48	6,010,884	1/4/00	Griffiths			

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